

CNG3B: A NOVEL CYCLIC NUCLEOTIDE-GATED CATION CHANNEL

ABSTRACT OF THE DISCLOSURE

The invention provides isolated nucleic acid and amino acid sequences of
5 CNG3B, antibodies to CNG3B, methods of detecting CNG3B, and methods of screening
for modulators of cyclic nucleotide-gated ion channels using biologically active CNG3B.
The invention further provides, in a computer system, a method of screening for
mutations of human CNG3B genes as well as a method for identifying a three-
dimensional structure of human CNG3B polypeptides.

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